

SALIENT CHARACTERISTICS FOR

EFD INDUCTION SYSTEM

CLINS: 0001 THRU 0003

- **MAIN POWER UNIT OUTPUT**
 - Continuous power output=50kW
 - Maximum output power= 80kW
 - Duty factor/Cycle time=50%/10min
 - Output power regulation range=2-100%
 - Frequency Range=10-25kHz
 - HHT 400 power cable length=5M/10M
 - NRTL completed on main cabinet.
- **MAIN POWER UNIT SUPPLY**
 - Supply voltage range=3 x 400-480 +or-10%
 - Frequency=50/60Hz
 - Nominal voltage=400 V
 - Nominal line current=89A (RMS)
 - Max line current intermittent=134A (RMS)
 - Nominal apparent power=62kVA
 - Maximum apparent power=93kVA
 - Recommended fuse=100 Amp
 - Mains cable length=5M
- **COOLING**
 - Water consumption, min=21l/min
 - Water inlet temperature=Max 35 degrees Celsius
 - Water Pressure min/max=4.5-6 bar
 - Cooling water quality PH=Between 7.0-9.0
- **ENCLOSURE**
 - Ambient operating temp=+5 degrees Celsius to +50 degrees Celsius
 - Outer dimensions (W x D x H)=345 x 708 x 453 mm
 - Weight with HHT 400/5M=80 kg (Approximately)
 - Enclosure protection=IP 54
 - Color=RAL 7021 Black
 - HHT 400 outer dimension (L x OD)=183 x 77 mm
 - HHT 400 weight without handle=6kg
- **Transformer**
 - Hand transformer with 10 meter long output cable
- **LINEAR/MANUAL SCANNING COILS**
 - Must heat and 8" wide band in a manual scanning condition
 - Copper tube construction
 - Miter joints silver brazed
 - Electrical contacts are silver-plated